

SEWING APPARATUS AND NEEDLE BAR POSITION  
CONTROL PROGRAM THEREFOR  
ABSTRACT OF THE DISCLOSURE

5       A sewing apparatus such as sewing machine includes a needle bar, a  
needle bar rocking mechanism for rocking the needle bar, a thread cassette  
having a thread accommodating section for accommodating a thread, a  
cassette mount to which the thread cassette is detachably attached, a  
threading mechanism for passing the thread drawn from the thread cassette  
10   through a hole of a sewing needle mounted on the needle bar, a detector for  
detecting the thread cassette ejected from the cassette mount, and a needle  
bar position control unit controlling the needle bar rocking mechanism so  
that the needle bar is rocked so as to occupy a predetermined zigzag  
position, when the detector has detected the thread cassette ejected from  
15   the cassette mount.